

Device connector, rear mounting - PRC 5-FT25-MC - 1409206


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PRC contact carrier without contacts, black, 5-pos., 690 V/30 A, for 2.5 mm² ... 6 mm² crimp contacts

RoHS

Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 046356 864350
GTIN	4046356864350
Weight per Piece (excluding packing)	11.300 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

General data

Number of positions	5
Protection class	II
Color	black
Locking type	Snap-in locking
Insertion/withdrawal cycles	50
Insertion force	40 N ±10 N
Degree of protection (not plugged in)	IP65 (Longitudinal watertightness, only in conjunction with contacts from the accessories range)
Degree of protection (when plugged in)	IP66 / IP68 (2m / 24h) / IP69K

Connection data

Rated current	35 A (with 6 mm ² conductor cross section)
Rated voltage (III/2)	690 V

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Technical data

Connection data

Stripping length	12 mm
Torque	2.5 Nm ±0.1 Nm (Tightening torque nut)
Wrench size, union nut	32.00 mm
Type of contact	Pin
Stripping length of the sheath	12 mm

Material data

Contact carrier material	mPPE
Flammability rating according to UL 94	V0

Standards and Regulations

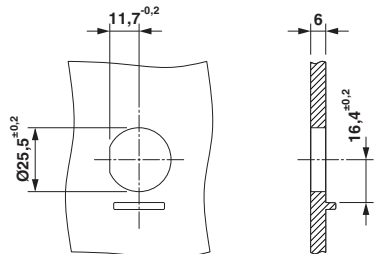
Flammability rating according to UL 94	V0
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Environmental Product Compliance

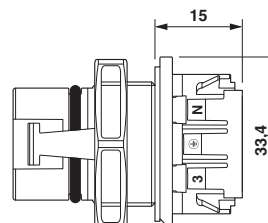
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing



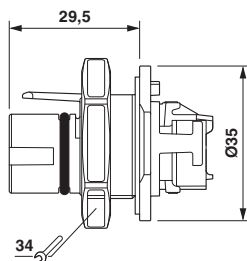
Dimensional drawing



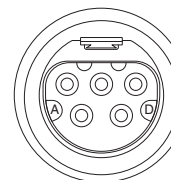
Housing cutout

Dimensional drawing

Dimensional drawing



Schematic diagram



Connector pin assignment

Dimensional drawing

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Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27279220
eCl@ss 7.0	27440103
eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

ETIM

ETIM 4.0	EC002061
ETIM 5.0	EC002635
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121413

Approvals

Approvals

Approvals

EAC / UL Listed / cUL Listed / null / null / null / cULus Listed

Ex Approvals

Approval details

EAC		B.01742
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Approvals

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E221474-20150513
mm ² /AWG/kcmil	14-10	
Nominal current IN	30 A	
Nominal voltage UN	600 V	

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E221474-20150513
mm ² /AWG/kcmil	14-10	
Nominal current IN	30 A	
Nominal voltage UN	600 V	

		R 60117908
mm ² /AWG/kcmil	6	
Nominal current IN	21.4 A	
Nominal voltage UN	500 V	

		R 60117904-0002
mm ² /AWG/kcmil	6	
Nominal current IN	35 A	
Nominal voltage UN	690 V	

		R 60117904-0001
mm ² /AWG/kcmil	6	
Nominal current IN	32 A	
Nominal voltage UN	500 V	

cULus Listed		
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Accessories

Accessories

Circular connector (cable-side)

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Accessories

Male contact - CK2,5-M-2,5 AG - 1409207



Turned 2.5 crimp contact, individual male contact, core diameter 2.5 mm², silver-plated

Male contact - CK2,5-M-4 AG - 1409208



Turned 2.5 crimp contact, individual male contact, core diameter 4.00 mm², silver-plated

Male contact - CK2,5-M-6 AG - 1409209



Turned 2.5 mm crimp contact, pin single contact, conductor cross section 6 mm², silver-plated

Crimping tool

Crimping pliers - CRIMPFOX-1,6/2,5-ED-4,0 - 1687419



Crimping pliers, for turned contacts, CK 1.6 ED... and CK 2.5 ED...

Crimping pliers - CRIMPFOX-4,0-ED-6,00 - 1205859



Crimping pliers, for CK 4,0... contacts, for 4.0 - 6.0 mm² conductor cross sections

Protective cover

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Accessories

Protective cap - PRC COVER M - 1409237



Protective cap for 3 and 5-pos. PRC device plugs

Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Screwdriver - SZF 0-0,4X2,5 - 1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip
